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Technical Institute and College
for Women

BULLETIN

SUMMER SCHOOL

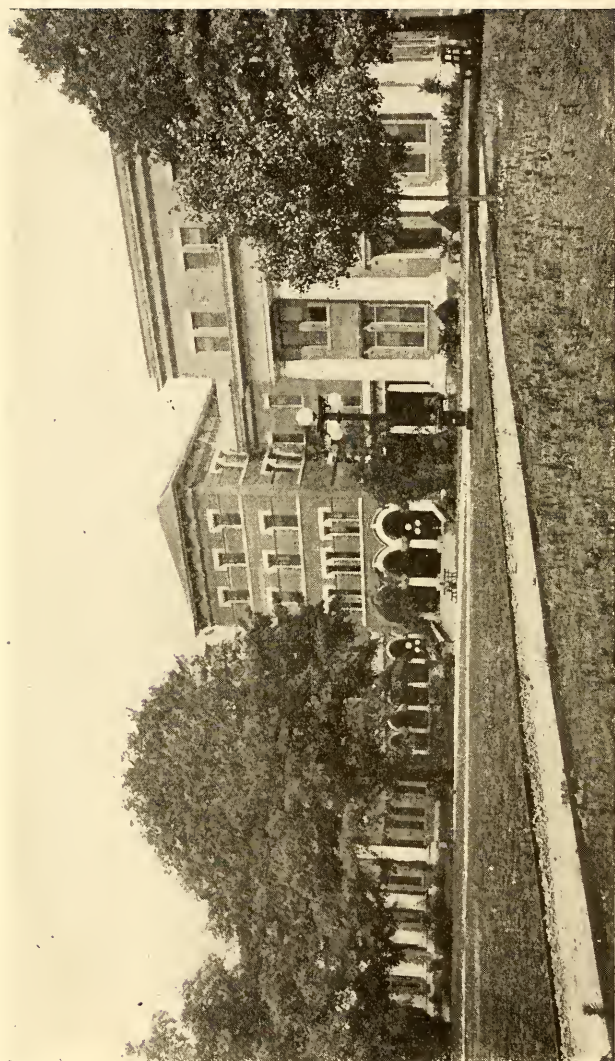
SIXTH YEAR

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ALABAMA TECHNICAL INSTITUTE AND COLLEGE FOR WOMEN

MONTEVALLO, ALABAMA.



FRONT VIEW OF DORMITORY

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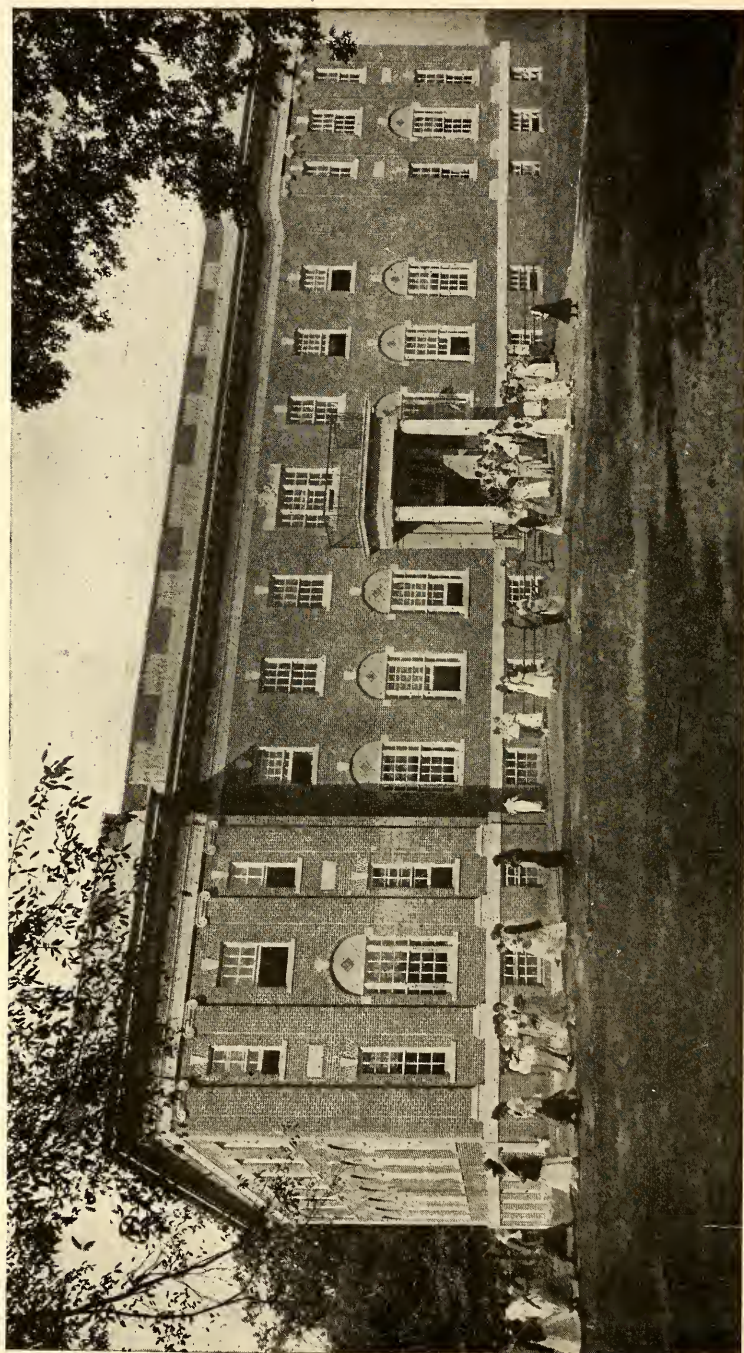
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BLOCH HALL—HOME ECONOMICS BUILDING

GENERAL INFORMATION

ESTABLISHMENT OF THE SUMMER SCHOOL



THE Summer School was established in May, 1915, by order of the Board of Trustees, and held its first session in 1916. A six-weeks' session has been held every summer since that time. The 1921 session will begin May 31st and continue through July 12th.

LOCATION

The location of the Summer School of the Alabama Technical Institute and College for Women, Montevallo, Alabama, is an excellent one. The altitude is high, the climate is healthful, and the ninety-six acres of campus offer ample facilities for recreation.

DORMITORY

The dormitory is large, well ventilated, supplied with electric lights in every room. There are lavatories with hot and cold water in all but a few rooms in the older part of the building and bathroom facilities on every hall.

All who room in the dormitory must furnish pillow, bed linen and covering, towels and toilet articles

INFIRMARY

Peterson Hall, the infirmary, is located near the dormitory. It is well equipped, and is in charge of a trained nurse.

LIBRARY

The Library contains seven thousand five hundred well-selected volumes and fourteen hundred pamphlets. On the reading tables are seventy-seven of the best current literary, scientific and educational journals and several leading daily newspapers. The Library will be open from 8:00 a. m. to 9:00 p. m. daily, and will be free to all Summer School students.

LAUNDRY

The College runs its own steam laundry. The fee of \$5.00 for six weeks will pay for laundering all towels, bed linen, handkerchiefs, hosiery and twelve other pieces per week. A moderate charge will be made for extra pieces.

DINING ROOM

The dining room is under the management of a trained dietitian. This assures good, wholesome, well-prepared food.

DAIRY AND GARDEN

The school dairy supplies the dining room with pure, wholesome milk. Fresh vegetables are gathered daily from our garden.

PLAY-GROUNDS

The play-ground facilities are excellent, and a trained director

will have charge of games and other physical exercise. Physical training is now recognized as an important feature in every school curriculum. Special emphasis will be placed on physical training during the summer school, and all teachers should avail themselves of the splendid opportunities that will be offered in this work.

SWIMMING POOL

The college swimming pool is the largest of any educational institution in the State. It is kept filled with fresh water and is much enjoyed by the summer school students. It is also used in connection with the regular work in physical training. Arrangements are being made to have special swimming lessons given at a reasonable rate.

BLOCH HALL

This building, erected in 1915, is probably the best arranged and most thoroughly equipped building for Home Economics in the entire South. Its laboratories for Domestic Art, Domestic Science, Fine Arts, Manual Training, Biology, Chemistry, Physics, Agriculture, Horticulture and Floriculture will be at the service of the summer school.

MUSIC HALL

This building, completed in 1918, is a structure of most unusual charm, from the carved stone entrance to the lovely concert hall upstairs. It is of fire-proof construction, having brick and hollow tile walls and reinforced concrete ceiling and floors, the latter being covered with wood in the rooms and tile in the corridors.

In this building are the director's room, a large lecture room, seven studios, twenty-four practice rooms, a concert hall, and three laboratories.

The music hall is one of the most beautiful buildings in the state.

LECTURES AND ENTERTAINMENTS

Arrangements are being made for several interesting lectures on various educational and social problems. Outdoor sports, concerts, story telling, and choral exercises will be given daily, thus adding much to the pleasure of those in attendance.

EXTENSION OF CERTIFICATES

All teachers who desire an extension of certificate are required to take courses aggregating not less than fifteen nor more than twenty-one hours for the full six weeks. Ten of these hours approved by the head of the department of education must be selected from those offered by the following departments:

Art, Education, Home Economics, Health, Physical Education.

PROVISIONAL CERTIFICATES

In accordance with the ruling of the State Department of Education, recent graduates of standard high schools may receive a pro-

visional certificate of the second class, valid for one year, upon the satisfactory completion of a course of study for six weeks. This certificate will have the same rank as a second grade certificate by examination. Such a course of study can be selected from the various subjects offered at this summer school.

CREDIT FOR WORK

As a general rule, courses of study satisfactorily completed in the Summer School will be credited for one term in the regular session, provided such studies form part of the regular course and the student does not take more than three hours' credit.

One hour credit means the equivalent of one recitation per week for the regular session.

SUPPLY STORE

The regular Supply Store of the Institute will be kept open during the Summer School. There the students can get stationery, books other than the State-adopted texts, tablets, etc. The State-adopted texts can be obtained at the local depositories.

EXPENSES FOR SIX WEEKS

Board and Lodging-----	\$35.00
Laundry-----	5.00
Matriculation fee-----	4.00
For those taking food courses:	
Each course-----	2.00
For those taking clothing courses:	
Each course-----	.50
Use of Typewriter-----	5.00
Special Expression fee-----	15.00

MUSIC FEES

Tuition for private lessons in Piano, Voice, Violin or Violoncello (two lessons per week)-----	18.00
Tuition for each course in class instruction (five lesson per week)-----	10.00
Tuition for private lessons in the Progressive Series (five lessons per week)-----	45.00

No charge for use of pianos in practice for students taking private lessons or class instruction.

COURSES OF STUDY

AGRICULTURE AND BIOLOGY

4A, or B. or C. *High School Biology.*

Open to those who wish to work off conditions in high school science and for college students entering Vocational Home Economics who have had no biology.

The activity of types of plants and animals will be studied and biological problems that relate to human welfare will be presented.

Two laboratory periods and three lectures.

Credit: 1 unit.

14. *General Botany.*

Is planned for students who wish credit, for those who wish to work off conditions in high school science, and for teachers of high school biology. The course will consist of laboratory exercise, field trips and recitations. The object of the course is to lead the student to an understanding of the plant life of the immediate vicinity. Structure will be emphasized only so far as is necessary to understand the physiology of the plant.

Three laboratory periods and two lectures.

Credit: 1 hour.

21A. *Practical Plant Culture.*

This course will consist of practical instruction and exercises of a general nature, and is offered not only to teachers, but to home-makers as well. Either of the three divisions marked below may be taken as a special two-weeks' course, or three may be taken as a continuous six-weeks' course, counting one credit.

A. Home Garden Planning, planting, fertilizers, cultivation, hot beds, window boxes.

B. Home Orchards (peach, pear, grape and strawberries). Varieties, cuttings, grafting, budding, pruning, insects, marketing.

C. Floriculture. Yard planting, flowering and ornamental plants, transplanting, potting, kinds of plants to use, care of plants.

Two laboratory periods and three lectures.

Credit: 1 hour.

22B. *Poultry.*

Is designed as a practical working course in poultry raising. A small poultry plant will be used in connection with

the work. The following topics will be studied in text and illustrated at the poultry yard: Breeds, feeds and feeding, poultry houses and conveniences, running incubator and brooders, insects and disease, marketing.

Five hours per week.

Credit: 1 hour.

21B. *Dairying.*

This course is designed to prepare those who expect to enter home demonstration work. It will be given in a way so as to meet the needs of the farmers. This should make the course of practical value to any woman. The following will be the principal topics offered in the course: Types of dairy cows; housing, feeding, milking; the care of milk; how to make good butter; the different grades of butter and judging; simple dairy equipment, and uses.

Five hour per week. Credit: 1 hour.

Note.—Young women desiring to engage in extension or Home Demonstration work are advised to take Courses 21A, 21B, and 22B.

ART

The freshman college course in Design is offered during the summer session.

This course is the foundation for more advanced courses in illustration and costume designing, and will meet the needs of teachers who are expected to teach Art in the public schools.

Design is used in its broadest sense—a study of spacing and form in drawing and painting flowers, landscapes, figures, and in illustration.

Every effort is made to help the pupil to gain appreciation through original work and through the study of good examples of line, dark and light, and color.

The designs are applied in stenciling, wood block printing, elementary bookmaking, toy making, modeling, and posters.

S12AB. Section A. Two hours per day. Credit $2\frac{1}{2}$ hours. The first half of the freshman college course in Design.

S12BC. Section B. Two hours per day. Credit $2\frac{1}{2}$ hours. Section B finishes the course, Art 12. The principles of Design are reviewed and applied to different materials.

S25AB. Principles of Design applied to scene painting. See S. English 25. Four hours per week. Credit: 1 hour.

BOOKKEEPING AND STENOGRAPHY

Courses in Typewriting, and Bookkeeping and Typewriting are open to all students.

Modern Illustrative Bookkeeping, Williams & Rogers Series is the text used. A simple course in the theory of bookkeeping is given. Ten hours per week. Credit: 1 unit.

Typewriting 11.

The touch system of typewriting is used. The position of letters and characters on the keyboard is taught. Words and sentences are practiced, letters copied and envelopes addressed.

Five hours per week. Credit: 1½ hours.

Stenography 21.

A review of the principles of Graham's Standard Phonography is offered, with a dictation at a maximum of one hundred words a minute. Only those who have finished Shorthand 11, as given in catalog 1920-21 will be admitted to this course. No other Shorthand will be given. Ten hours per week. No credit.

CHEMISTRY.

General Inorganic Chemistry 13.

This course consists of the study of the elements, their important compounds, and the principles of chemistry. It is designed for those who wish to review the subject or to meet college entrance requirements. Students taking this course can remove conditions in Chemistry 4, 11, or 12.

Four lectures and two laboratory periods per week. Credit: 1 hour.

Domestic Chemistry 23.

Chemistry is here discussed in its relation to the food principles, their importance in diet, and their functions in the body. The relation of chemistry to cooking, cleaning, preserving, disinfecting, detection of food adulteration, textiles, etc., is studied. Students taking this course may remove conditions in Chemistry 21 or 22.

Prerequisite: Chemistry 11 or 12, or their equivalents.

Four lectures and two laboratory periods per week. Credit: 2 hours.

EDUCATION AND SOCIOLOGY

Education S14. *Elementary Education*. Principles of Education with special reference to vitalizing the curriculum. Each student should be provided with a copy of the State Manual for Elementary Schools. Five hours per week. Credit: 1 hour.

Sociology S15 and

Education S17. *Educational Sociology*. A study of the social conditions in Alabama that affect the organization and administration of education; school room practice as modified by the social life of the child. Five hours per week. Credit: 1 hour.

Education S27. Educational Measurements. Theory and use of scales in defining the teacher's problems and in determining progress in learning. Open to teachers in Elementary and Junior High Schools. Prerequisite, Education 11, or its equivalent.

Five hours per week. Credit: 1 hour.

Sociology S21. Citizenship. (See History.) The course is planned to meet the needs of two groups of students—women interested in studying the problems of citizenship and teachers of civics. There will be two sections to meet the special needs of each group.

Five hours per week. Credit: 1 hour.

Education S31. A study of the handicapped children with special reference to the mentally deficient; the history of the mental hygiene movement; the application of the principles of mental hygiene to schoolroom practice; methods of caring for the neglected and deficient children; the work of the state department of Child Welfare.

Five hours per week. Credit: 1 hour.

Education S33. Junior High School. Conditions and motives leading to organization of junior high schools; brief history of the movement; educational principles applied to curricula.

Five hours per week. Credit: 1 hour.

ENGLISH

Courses S4A, S4B, S4C are the same as the three terms of English 4 in regular session. These courses are for students (a) who wish to remove conditions in English 4, (b) whose preparation is insufficient to enter English 11, (c) who need the fourth year of college preparatory English.

Courses S11A and S11C are approximately the equivalents of the first and the third terms of English 11 in regular session. Course S11A is for students who wish to remove a condition in the first term of English 11, or who want a review of the fundamentals of composition as preparation for state examinations. Course S11C is for students who wish to remove a condition in either the second or the third term of English 11.

Courses S21A, S21B, and S21C are respectively the equivalents of the first, the second, and the third terms of English 21 in regular session. They may be used to remove conditions. College credit may be given for these courses, provided that the student meet the same requirements for entrance as in the regular session, and that the student make an average record of seventy-five or above.

S4A. A comprehensive review of grammar (text: Kittredge and Farley's *Concise English Grammar*); the study of composition, (text: Lockwood and Emerson's *Composition and Rhetoric*); Mil-

ton's *Minor Poems*; reading outside class with reports five "books", chosen for the most part from the college entrance requirements.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S4B. The study of composition continued (text: Lockwood and Emerson's *Composition and Rhetoric* completed); *Hamlet*: the reading of five "books" as in S4A.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S4C. A study of American literature with readings and references in the library (text: Pace's *American Literature with Readings*); the reading of five "books" as in S4A and S4B.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S11A. The first third of the standard year in freshman college rhetoric (text: Manley and Rickert's *The Writing of English*); weekly conferences with the instructor; the reading of five books from a recommended list and written reports thereon.

Five hours per week. Credit: 1 hour.

S11C or B. The last third of the standard year in freshman college rhetoric (text: Manley and Rickert's *The Writing of English*); weekly conferences with the instructor; the reading of five books from a recommended list and written reports thereon.

Five hours per week. Credit: 1 hour.

S21A. The history of English literature from the beginning as far as Milton. Texts: Reynolds and Greever's *Facts and Backgrounds of Literature*, and Newcomer and Andrews' *Twelve Centuries of English Poetry and Prose*.

Five hours per week. Credit: 1 hour.

S21B. The history of English literature from Milton to Byron. The same text as in S21A.

Five hours per week. Credit: 1 hour.

S21C. The history of English literature from Byron to the present time. The same texts as in S21A, supplemented with readings from contemporary English writers.

Five hours per week. Credit: 1 hour.

S24. An introduction to Shakespeare. A consideration of his life and art and relation to his period; the study of twelve representative plays in chronological order—*Romeo and Juliet*, *A Midsummer Night's Dream*, *The Merchant of Venice*, *Henry IV, first part*, *Henry V*, *Julius Caesar*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *The Tempest*.

Five hours per week. Credit: 1 hour.

S25. An introduction to modern drama. A consideration of Ibsen's influence on European drama and a reading of at least twen-

ty-five representative plays from recent English, Continental, and American dramatists; such as Ibsen, Bjornsen, Strindberg, Hauptmann, Brieux, Rostand, Maeterlinck, Giacosa, Echegaray, Tchekov, Shaw, Galsworthy, Barker, Barrie, Synge, Gregory, Yeats, Moody, Thomas, Mackaye. (To be given in place of course S24 if a majority of the class prefer.)

Five hours per week. Credit: 1 hour.

EXPRESSION

Courses S13, S14, S22 are the equivalents of the courses with the same numbers in regular session. Course S25 does not give college credit unless by special arrangement. For the scene painting in this course S25 see the department of art.

S13 AB. A fundamental course in spoken English, the object of which is to remove self-consciousness and fear; to correct faults of speech, voice and bearing; to develop creative thinking, and to establish poise. Text: Curry's *Foundations of Expression*.

Five hours per week. Credit: 1 hour.

S15. Private lessons in expression, suited to the needs of the individual pupil. Three lessons per week. An extra charge of fifteen dollars for the term of six weeks is made for this course.

Credit: $\frac{1}{2}$ hour.

S22AB. An advanced course in spoken English, for which 13 or its equivalent is a pre-requisite.

Five hours per week. Credit: 1 hour.

S25. Play Production and an Introduction to Dramatic Art. A course of cultural value to the general student and of practical value to teachers of English, community workers, directors of school dramatics, and coaches of plays. A study of plays suitable for stage presentation and of the problems involved in the production of such plays, with the elementary points of technical knowledge vitally necessary to both actor and manager, such as the casting of parts, rehearsals, make-up, stage business, lights, and scenery. Special attention will be given to the painting of scenery and this will be taught by the director of art. Students who enroll for this course are advised to take another course in the department of expression if possible. Seven hours per week, four of which are laboratory hours in the department of art, and three of which are class recitation hours in the department of expression. Credit: 1 hour, if by special arrangement. (See the course S25 in the department of art.)

HEALTH AND SANITATION

Introductory Statement. Courses in Sanitation and School Health Work are offered in response to an urgent call for larger numbers of trained health workers in the schools and in allied

agencies. Persons may be admitted who have had sufficient preliminary education and adequate experience to profit by attending lectures and by participating in class and demonstration work.

The courses will be planned in detail by Miss Jessie L. Marriener, R. N., of the State Board of Health; each lecture will be based upon a definite outline, mimeographed for distribution before, during, or after the lecture. A conference or demonstration will occupy the last fifteen minutes of each class hour.

11. *Sanitation—Community Health.*

Lectures, assigned reading, discussions and preparation of notes; selection of text optional; periodic quizzes and a final examination for those who wish to secure credit.

Five hours per week. Credit: 1 hour.

12. *School Health Work.*

Lectures, assigned readings, discussions and preparation of notes; suggested text—Health Education in the Rural Schools, by Mace Address, Houghton Mifflin & Co., Boston, New York, and Chicago. Periodic quizzes and a final examination for those who wish to secure credit.

Five hours per week. Credit: 1 hour.

These courses will be presented by Miss Marion H. Douglas, R. N., and other technical experts, under the general direction of Health Department of the State of Alabama.

HISTORY

History S2. Early European History. For students who have entrance conditions in second year high school history. Open to students who have taken the subject and are conditioned. For students who entered with this condition and those who want credit for entrance. Five hours per week. Credit: 1 unit. Text: Robinson & Breasted *Outlines of European History*, Part I.

History S4. American History. For students who have entrance conditions in fourth year high school history. Open to students who have taken the subject before. For students who entered with this condition and those who want credit for entrance, and for removal of one term Senior high school history. Five hours per week. Credit: 1 unit. Text: Beard & Bagley *A History of the American People*.

History S11. European History from 1760 to 1825. Open to all college students, and teachers of history in the high schools. Special emphasis will be given to the effect of this period of European history on America. Remove one term condition History 11. Five hours per week. Credit: 1 hour. Text: Robinson *Medieval and Modern History*.

History S21. The Federal Government. Open to all college students, and teachers of history in the high schools. Remove one term condition History 21. Five hours per week. Credit: 1 hour. Text. Beard's *American Government and Politics*.

History S22. Citizenship. For description see Education department. S 21.

HOME ECONOMICS

All students in food courses are required to wear white dresses and aprons while working in the laboratory.

Home Economics S3B. Elementary food courses for high school students. Four laboratory periods per week. Credit: 1 hour.

Home Economics S4B. Elementary clothing course, teaching the principles of sewing as applied to room furnishing. Four laboratory periods per week. Credit: 1 hour.

Home Economics S11A. Elementary food study, giving the student skill in handling foods and an understanding of the principles of cookery. Five laboratory periods per week. Credit: 1 hour.

Home Economics S12B. The purpose of this course is to develop judgment in the selection of materials and trimming as applied to children's clothing, including problems in rapid machine work. Five laboratory periods per week. Credit: 1 hour.

Home Economics S13A. Elementary food course designed as an elective for college students who are not taking the Home Economics course and who desire some knowledge of practical cookery such as is directly applicable to the home. Four laboratory periods per week. Credit: $\frac{2}{3}$ hour.

Home Economics S14A. Elementary clothing course designed as an elective for college students who are not taking the Home Economics course and who desire some knowledge of materials, principles of design, and construction of underwear. Four laboratory periods per week. Credit: $\frac{2}{3}$ hour.

Home Economics S21B. Advanced food study dealing with the curing, care and preparation of meats, preparation and use of vegetables in the diet, including the service of simple meals. Five laboratory periods per week. Credit: 1 hour. Pre-requisite H. E. 11 and 21A.

Home Economics S22B. Advanced course in dressmaking, including problems in clothing construction which will develop a greater degree of technical skill, and a better understanding and appreciation of the value of design. The practical work includes a tailored garment, afternoon dress and development of designs from a simple drafted pattern. Five laboratory periods per week. Credit: 1 hour. Pre-requisite H. E. 12 and 22A.

Home Economics S35. Home Care of the Sick.

Attention will be given to the care of the sick in the home under a doctor's direction, as well as the simple home remedies that may be used without a doctor's orders. Especial emphasis will be placed on the sanitation of the sickroom and the comfort of the patient. Five laboratory periods per week. Credit: 1 hour.

Home Economics S44B. A study of the care of the home, economy of time, systematic arrangement of working areas and labor-saving devices. Five laboratory periods per week. Credit: 1 hour. Open only to advanced students.

Special Teacher Training Vocational Course in Home Economics.

A special course for teaching vocational classes in home economics will be offered during the month of June. This work is for teachers already employed by local boards to teach in vocational departments. The work will consist of advanced work in Home Economics subject matter courses; Teaching Vocational Classes in Home Economics and Study of Special Problems. This special work is offered under the approval of the State Board of Education. The State Supervisor of Home Economics representing the State Department of Education will cooperate with the Director of Home Economics of this institution in offering these courses.

MATHEMATICS

S4B. Arithmetic.

This course gives a rapid review of arithmetic. It is arranged for those who expect to teach in the grades.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S2A. Algebra—High School Algebra.

A review of algebra up to quadratic equations. Especial attention given to methods of presenting this subject.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S2B or C. Algebra—High School Algebra.

From quadratic equations through logarithms. This course is planned especially for those who wish to make a careful review of advanced high school algebra. Methods of teaching the subject are emphasized.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S3A. Plane Geometry.

Thorough review of first two books. This course is planned for those who wish to review the first two books, and may be taken in connection with Plane Geometry 3B.

Five hours per week. Credit: $\frac{1}{2}$ unit.

S3B or C. *Plane Geometry.*

Books third, fourth, and fifth. By taking this course and course 3A, students are enabled to review thoroughly the whole of Plane Geometry.

Five hours per week. Credit: $\frac{1}{2}$ unit.

Text: Wentworth-Smith's Plane Geometry.

S4A. *Solid Geometry.*

This course covers the three books of geometry usually devoted to solids, especial attention being given to the properties of the sphere. This course may be taken simultaneously with Plane Geometry.

Five hours per week. Credit: $\frac{1}{2}$ unit.

Text: Wentworth-Smith's Solid Geometry.

S11. *Trigonometry.*

For students wishing college credit for this subject.

Five hours per week. Credit: $1\frac{1}{2}$ hours.

Text: Wentworth-Smith's Plane Trigonometry.

MUSIC

The Music Department offers private instruction in Piano, Voice, Violin, Violoncello, and the Progressive Series of Lessons.

Class instruction will be given in Ear Training, Keyboard Training, Sight Reading, Sight Singing, and String Ensemble Playing, provided there are enough pupils to justify the formation of such classes.

The Progressive Series of Piano Lessons, having been adopted by this institution as its standard requirement for music study, entrance and college credit will be given all students passing in this course. An opportunity will be given all students who wish to become teachers accredited by the Art Publication Society of St. Louis to take the theoretical examinations and pass the practical examinations required by this society.

TUITION

Tuition for private lessons in Piano, Voice, Violin, Violoncello (two lessons per week)-----	\$18.00
Tuition for each course in class instruction (five lessons per week) -----	10.00
Tuition for private lessons in the Progressive Series (five lessons per week) -----	45.00
No charge for use of piano in practice for students taking pri- vate lessons or class instruction.	

PHYSICAL EDUCATION

S12 Condensed Course for Teachers.

Covers the program of physical education, which is presented in the new course of study by the State Department of Education. The course consists in methods of presenting calisthenics, play and games, folk dancing, hygiene, and physical examinations.

Five hours per week. Credit: 1 hour.

S13. Folk Dancing and Rhythmical Exercises.

Characteristic dances of various nations and other rhythmical exercises, which, besides being developmental to the individual, are useful for entertainments.

Five hours per week. Credit: $\frac{1}{2}$ hour.

PHYSICS

General Physics 3.

A general course in Physics so arranged as to allow a student attending three summer school sessions to complete the required three terms' work in Physics. Only one term's work will be offered during a summer. Students taking this course may remove condition in Physics 3.

A. *First term.* A review of the units of measurement, molecular theories of gases and solids, gravitation, laws of motion, etc. Credit: $\frac{1}{3}$ unit.

B. *Second term.* A study of work as applied to levers, pulleys, etc. Magnetism and electricity are discussed and their relations studied. Credit: $\frac{1}{3}$ unit.

C. *Third term.* A continuation of the study of electricity, dynamos, motors, etc. Sound and light are also studied.

Five hours per week. Credit: $\frac{1}{3}$ unit.